Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121077.D
Acq On : 28 Jul 2020 19:18
Operator : JU/CG
Sample : L3439-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:27 AM

Quant Time: Jul 29 06:46:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158130	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	611587	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	327507	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	647862	20.00	ng		0.00
76) Chrysene-d12	13.97	240	541718	20.00	ng		0.00
86) Perylene-d12	15.42	264	630804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1059554	109.85	ng		0.02
7) Phenol-d6	6.45	99	1189048	95.43	ng		0.00
23) Nitrobenzene-d5	7.38	82	920328	87.07	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	456550	127.35	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1662692	75.80	ng		0.00
79) Terphenyl-d14	12.92	244	1776153	71.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	166872	37.589	ng	#	85
3) Pyridine	3.40	79	292948	24.806	ng		99
4) n-Nitrosodimethylamine	3.32	42	196297	38.872	ng		95
6) Aniline	6.47	93	411226m	25.284	ng		
8) 2-Chlorophenol	6.60	128	472912	44.504	ng		99
9) Benzaldehyde	6.36	77	218118	34.914	ng		97
10) Phenol	6.46	94	514865	37.564	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	463353m	44.111	ng		
12) 1,3-Dichlorobenzene	6.76	146	485198	42.109	ng		98
13) 1,4-Dichlorobenzene	6.83	146	488851	42.666	ng		98
14) 1,2-Dichlorobenzene	6.98	146	472773	43.617	ng		99
15) Benzyl Alcohol	6.96	79	382262	43.382	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	627457	41.442	ng		98
17) 2-Methylphenol	7.07	107	368351	39.110	ng		99
18) Hexachloroethane	7.33	117	181297	43.718	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	296754	41.884	ng		100
20) 3+4-Methylphenols	7.23	107	402528	33.597	ng	#	84
22) Acetophenone	7.22	105	600534	43.752	ng	#	95
24) Nitrobenzene	7.40	77	483566	42.448	ng		99
25) Isophorone	7.64	82	866007	41.054	ng		100
26) 2-Nitrophenol	7.72	139	256410	47.392	ng		97
27) 2,4-Dimethylphenol	7.75	122	409768	46.648	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	574688	44.631	ng		99
29) 2,4-Dichlorophenol	7.96	162	402594	44.851	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	423213	42.496	ng		98
31) Naphthalene	8.12	128	1323879	42.200	ng		99
32) Benzoic acid	7.89	122	341314	51.760	ng		94
33) 4-Chloroaniline	8.17	127	256824	18.352	ng		98
34) Hexachlorobutadiene	8.23	225	244484	41.644	ng		99
35) Caprolactam	8.56	113	97886m	34.005	ng		
36) 4-Chloro-3-methylphenol	8.66	107	418061	45.412	ng		96
37) 2-Methylnaphthalene	8.81	142	913795	44.861	ng		100
38) 1-Methylnaphthalene	8.91	142	854979	44.318	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	403138	42.248	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	434286	82.349	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	296623	44.150	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	328204	43.066	ng		99
46) 1,1'-Biphenyl	9.27	154	1121795	44.904	ng		99
47) 2-Chloronaphthalene	9.30	162	856756	42.064	ng		98
48) 2-Nitroaniline	9.40	65	275591	44.773	ng		94
49) Acenaphthylene	9.72	152	1373518	43.408	ng		100
50) Dimethylphthalate	9.58	163	1277651	54.075	ng		99
51) 2,6-Dinitrotoluene	9.64	165	235295	46.353	ng		90
52) Acenaphthene	9.89	154	948513m	47.149	ng		
53) 3-Nitroaniline	9.80	138	187223	29.408	ng		95
54) 2,4-Dinitrophenol	9.92	184	265944	90.078	ng	#	88
55) Dibenzofuran	10.06	168	1214406	41.744	ng		100
56) 4-Nitrophenol	9.97	139	370597	76.631	ng		99
57) 2,4-Dinitrotoluene	10.04	165	321992	48.303	ng	#	91
58) Fluorene	10.40	166	907455	41.824	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	285782	49.251	ng		96
60) Diethylphthalate	10.27	149	1058559	44.293	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	434023	37.504	ng		99
62) 4-Nitroaniline	10.43	138	268858	43.353	ng		95
63) Azobenzene	10.55	77	985547	43.317	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	174054	46.546	ng		98
66) n-Nitrosodiphenylamine	10.51	169	882793	43.316	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	302034	41.815	ng		96
68) Hexachlorobenzene	10.95	284	340233	43.544	ng		96
69) Atrazine	11.05	200	230155	45.599	ng		99
70) Pentachlorophenol	11.15	266	430017	96.066	ng		100
71) Phenanthrene	11.36	178	1388430	41.670	ng		100
72) Anthracene	11.42	178	1441488	43.084	ng		99
73) Carbazole	11.57	167	1398184	42.109	ng		99
74) Di-n-butylphthalate	11.90	149	1686067	44.003	ng		100
75) Fluoranthene	12.55	202	1604022	43.431	ng		98
77) Benzidine	12.67	184	502320	35.269	ng		99
78) Pyrene	12.78	202	1640041	42.821	ng		100
80) Butylbenzylphthalate	13.40	149	770670	45.138	ng		95
81) Benzo(a)anthracene	13.97	228	1356403	41.349	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	473901	38.292	ng		99
83) Chrysene	14.00	228	1476291	42.824	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	915098	43.465	ng		99
85) Di-n-octyl phthalate	14.57	149	1859219	44.387	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1906493	43.458	ng		99
88) Benzo(b)fluoranthene	15.00	252	1751407	45.933	ng		99
89) Benzo(k)fluoranthene	15.04	252	1419040	40.807	ng		99
90) Benzo(a)pyrene	15.36	252	1482814	42.624	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1567989	43.755	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1591680	45.047	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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